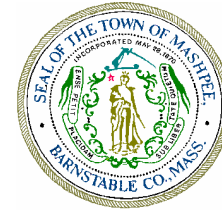


# Town of Mashpee, Heritage Park Windspires

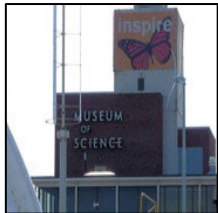


## What are they?

The Town of Mashpee installed two small ground-mounted vertical axis wind turbines in June 2010 at Heritage Park. These 30-foot tall turbines are virtually silent and are made in the USA from recycled materials.

The Windspires were purchased through the Clean Energy Choice program with funds raised from voluntary contributions by the citizens and businesses of Mashpee through their electricity bills and matching funds from the Commonwealth of Massachusetts.

## Education

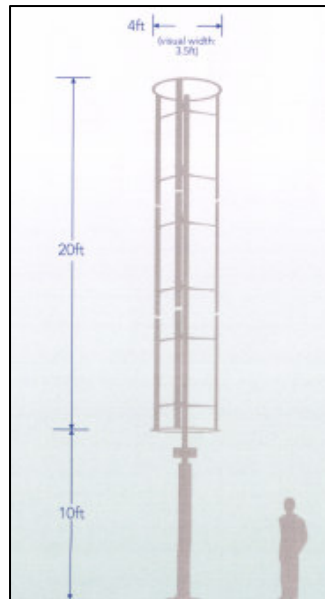


Windspire at Boston's Museum of Science

Educating the public about the importance of renewable energy is a big task. Public parks, museums, government centers, farms and schools across the country, are using small wind turbines to engage audiences and teach them about the power of wind energy.

## How do they work?

### Size Specifications



### Five steps to generate clean energy

- 1) The wind blows...
- 2) The wind is caught by the Windspire airfoils which spin the rotor around
- 3) The rotor turns a generator which produces electricity
- 4) The on-grid inverter converts power output from the Windspire into smooth alternating current (AC) for use with the electric grid
- 5) The windspire supplies power to the Mashpee Welcome Center

